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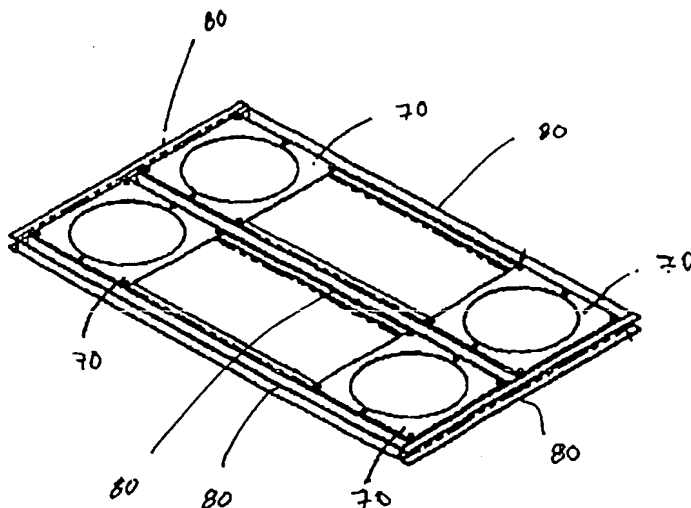
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(54) Title: ISOLATION PLATFORM



(57) Abstract: The present invention provides a platform for supporting various equipment and/or structure which assists in isolating such structure from vibrations ("noise") external to the platform. Generally, the platform comprises upper and lower plates, having conical depressions, upon which the upper plate supports the above-mentioned structure, and the lower plate contacting surface/area upon which the supported structure otherwise would have rested. Between the upper and lower plates, a plurality of rigid, spherical bearings are placed within the conical depressions, thereby allowing the upper and lower plates to displace relative to one another. Additionally, the platform may be provided with retaining mechanisms for holding the structure to be supported, maintaining the plates together and providing additional

damping effects.

WO 2004/007871 A2